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This paper contributes a general approach to characterizing patterns of c
database.While there is a particular interest in modelling and querying h
approach contributed by the paper is ...

Keywords: spatio-temporal databases, spatio-temporal query

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David Marcheix, Guy Pierra
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five common concepts that may be found in most of the studies. We pro|
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Keywords: CAD, parametric design, persistent naming, reevaluation

23 Review of "spotting and discovering terms through natural language
    Cambridge, MA: The MIT Press, 2001
    Sophia Ananiadou
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Ling Feng, Elizabeth Chang, Tharam Dillon
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(DTD) as a formalism for defining the syntax ...

Keywords: XML, XML Schema, conceptual modeling, design methodolo(

25 Secure and selective dissemination of XML documents
Elisa Bertino, Elena Ferrari
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XML (*eXtensible Markup Language*) has emerged as a prevalent standar(
exchange on the Web. It is often the case that XML documents contain ir
that must be selectively shared ...

Keywords: Access control, XML, secure distribution

26 Review of "Automatic summarization" by Inderjeet Mani, Amsterdam
processing series, edited by Ruslan Mitkov, volume 3), 2001
Chris D. Paice
June 2002   **Computational Linguistics** , Volume 28 Issue 2
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27 Machine learning in automated text categorization
Fabrizio Sebastiani
March 2002 **Computing Surveys (CSUR)** , Volume 34 Issue 1
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The automated categorization (or classification) of texts into predefined (
interest in the last 10 years, due to the increased availability of documer
organize them. In the research ...

Keywords: Machine learning, text categorization, text classification

28

Query processing over object views of relational data
Gustav Fahl, Tore Risch
November 1997 **The VLDB Journal — The International Journal on Ver**
Publisher: Springer-Verlag New York, Inc.
Full text available: Pdf (454.31 KB)   Additional Information: full citation, abstra

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> This paper presents an approach to *object view* management for relation
> makes it possible for users to transparently work with data in a relationa
> object-oriented (OO) database. ...

> **Keywords**: Object views, Object-oriented federated databases, Query o
> processing

29 Review of "Sentence comprehension: The integration of habits and n
Thomas G. Bever, Cambridge, MA: MIT Press (Language, speech, a
Matthew W. Crocker
June 2002   **Computational Linguistics** , Volume 28 Issue 2
Publisher: MIT Press
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30 5SL: a language for declarative specification and generation of digita
Marcos André Gonçalves, Edward A. Fox
July 2002   **JCDL '02**: Proceedings of the 2nd ACM/IEEE-CS joint conferer
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> Digital libraries (DLs) are among the most complex kinds of information
> multi disciplinary nature. Nowadays DLs are built within monolithic, tight
> systems -- or by assembling ...

> **Keywords**: 5S, 5SL, design tools, generators, languages, models

31 Database design with common sense business reasoning and learni
Veda C. Storey, Roger H. L. Chiang, Debabrata Dey, Robert C. Goldstein, S
December 1997 **Transactions on Database Systems (TODS)** , Volume 22 I:
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> Automated database design systems embody knowledge about the datak
> of knowledge about the domains for which databases are being develope
> methodology for acquiring and using ...

> **Keywords**: common sense business reasoner, common sense learning,

design, entity-relationship model

32 Profiles for the situated web
Lalitha Suryanarayana, Johan Hjelm
May 2002   **WWW '02:** Proceedings of the 11th international conference c
Publisher: ACM
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The World Wide Web is evolving into a medium that will soon make it po
situation-aware services. A situation-aware or situated web application is
experience (content, interaction ...

Keywords: CC/PP, XML, profiles, situated-aware applications, vocabular

33 Uniform comparison of data models using containment modeling
E. James Whitehead, Jr.
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Containment data models are a subset of entity relationship models in w
type of containment, storage, or inheritance. This paper describes contai
data models, applying them ...

Keywords: containment data modeling, hypertext data models

34 Review of "Empirical methods for exploiting parallel texts" by I. Dan Ν
2001
Ted Pedersen
June 2002   **Computational Linguistics** , Volume 28 Issue 2
Publisher: MIT Press
Full text available: Pdf (242.09 KB)   Additional Information: full citation, refere

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35 Untangling taxonomies and relationships: personal and practical prol
of large ontologies
Alan L. Rector, Chris Wroe, Jeremy Rogers, Angus Roberts
October 2001 **K-CAP '01:** Proceedings of the 1st international conference o
Publisher: ACM Request Permissions
Full text available: Pdf (260.31 KB)   Additional Information: full citation, abstra

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The GALEN programme has been developing medical ontologies collabor;
ontologies are large and formulated in a specialised description logic, GR
collaboration of over a dozen groups, most with ...

Keywords: cooperative development, medical, ontology design, ontolog

36 Models and issues in data stream systems

Brian Babcock, Shivnath Babu, Mayur Datar, Rajeev Motwani, Jennifer Wid
June 2002   **PODS '02:** Proceedings of the twenty-first ACM SIGMOD-SIGA
database systems

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In this overview paper we motivate the need for and research issues aris
In this model, data does not take the form of persistent relations, but ra
time-varying *data* ...

37 *HMAP– A temporal data model managing intervals with different grai
natural language sentences*
Carlo Combi, Giuseppe Pozzi
April 2001   **The VLDB Journal — The International Journal on Very L**
Publisher: Springer-Verlag New York, Inc.

Full text available: Pdf (283.67 KB)   Additional Information: full citation, abstra

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The *granularity* of given temporal information is the level of abstraction a
Different units of measure allow one to represent different granularities.
temporal information given ...

Keywords: Temporal databases, Three-valued logic, Time granularity, T

38 BuddyCache: high-performance object storage for collaborative stror

Magnus E. Bjornsson, Liuba Shrira
November 2002 **OOPSLA '02:** Proceedings of the 17th ACM SIGPLAN confer
systems, languages, and applications

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Full text available: Pdf (269.18 KB)   Additional Information: full citation, abstra

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Collaborative applications provide a shared work environment for groups
common task. They require strong consistency for shared persistent data
objects. These properties are ...

Keywords: cooperative caching, fault-tolerance, fine-grain sharing, obje
area network

Also published in:
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39 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren

November 1997 **CASCON '97:** Proceedings of the 1997 conference of the C(
Collaborative research
Publisher: IBM Press
Full text available: Pdf (4.21 MB)   Additional Information: full citation, abstra

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Understanding distributed applications is a tedious and difficult task. Vist
diagrams are often used to obtain a better understanding of the executic
tool we use is Poet, an event ...

40 A database model for object dynamics
M. P. Papazoglou, B. J. Krämer
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Publisher: Springer-Verlag New York, Inc.
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To effectively model complex applications in which constantly changing s
system must be able to support the runtime specification of structural ar
individual or group basis. ...

Keywords: Dynamic class hierarchy, Dynamic object re-classification, C
Object-oriented database systems

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